

FIG. 1

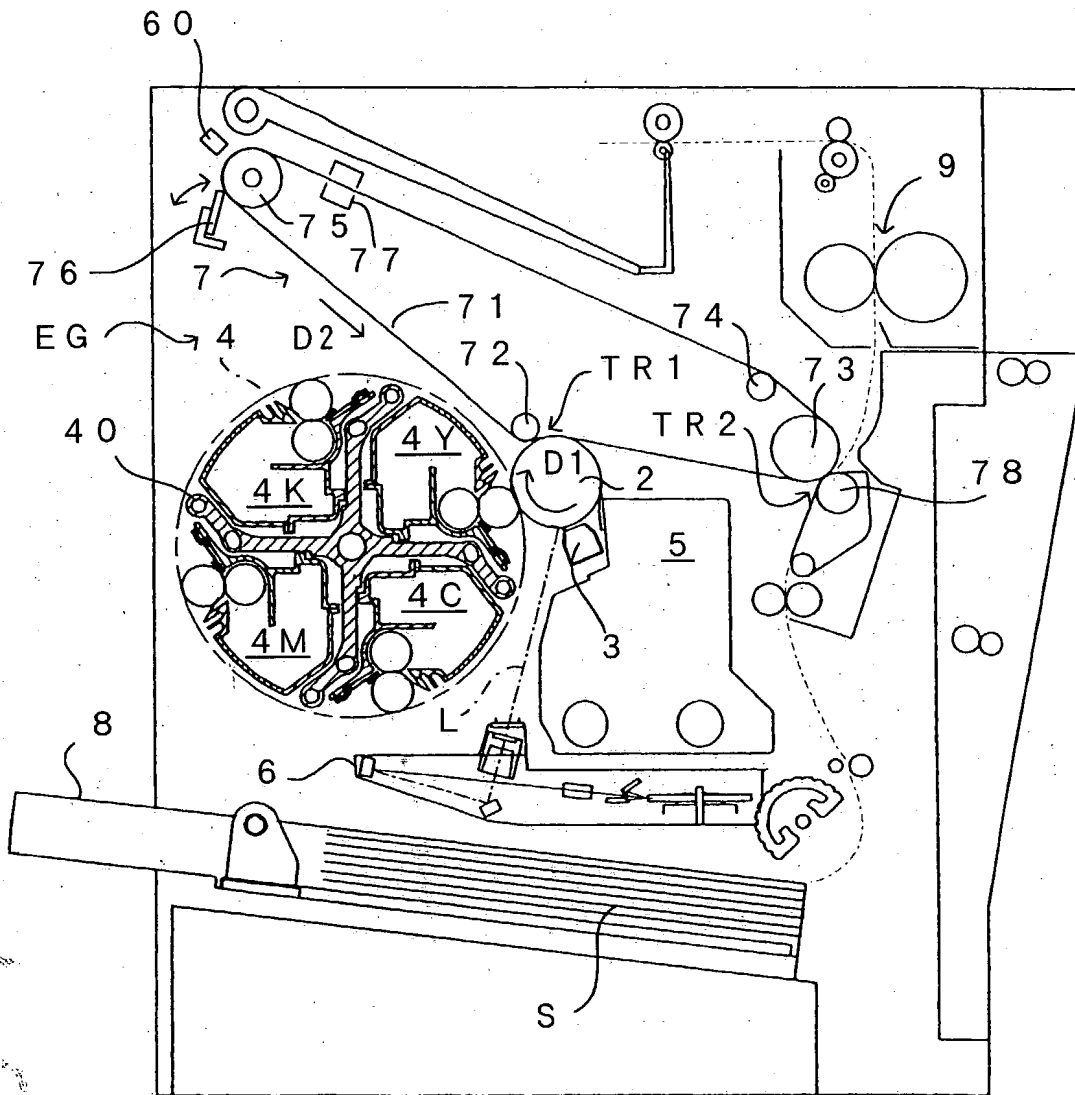


FIG. 2

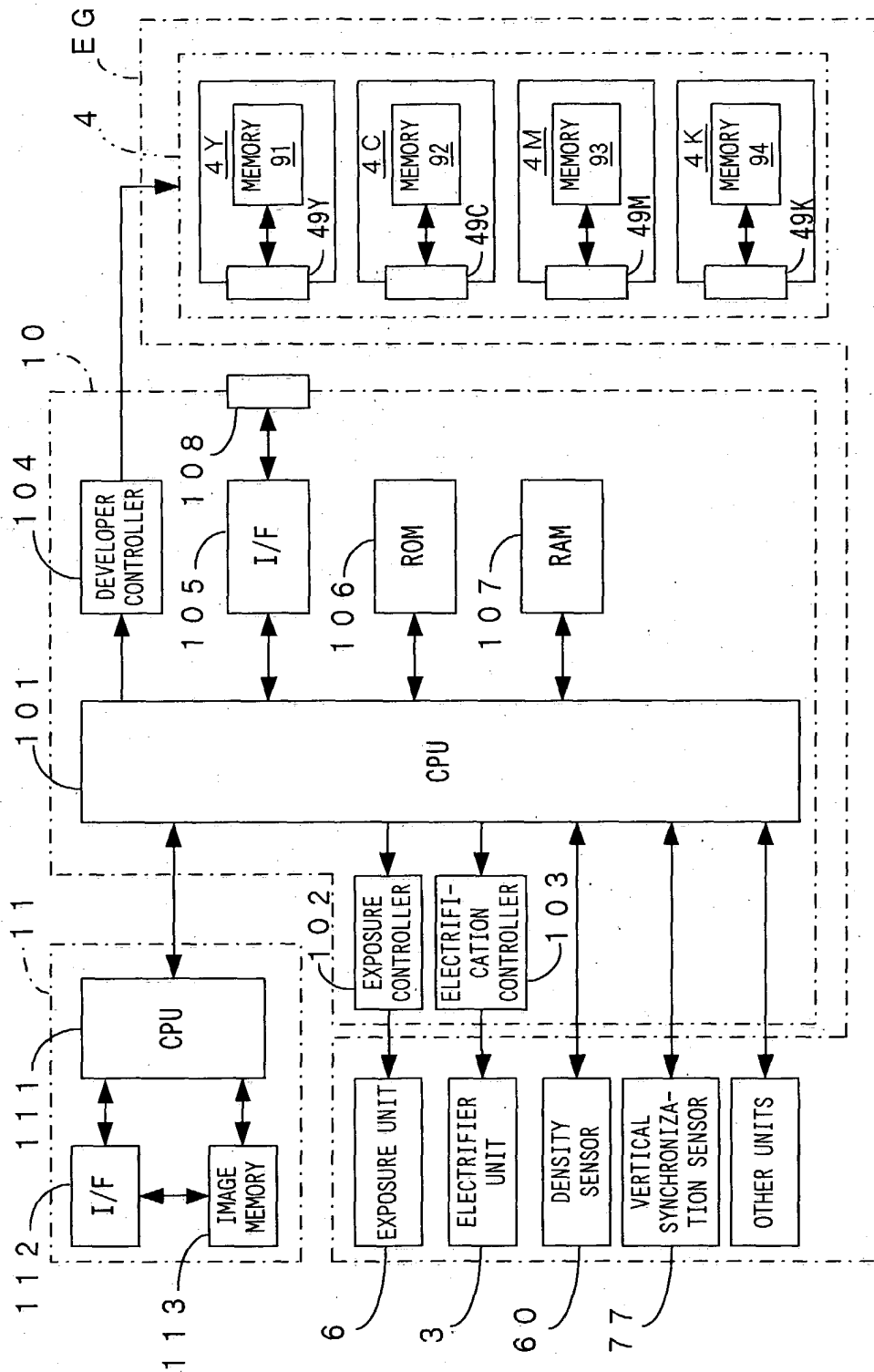


FIG. 3

4 K (4 C, 4 M, 4 Y)

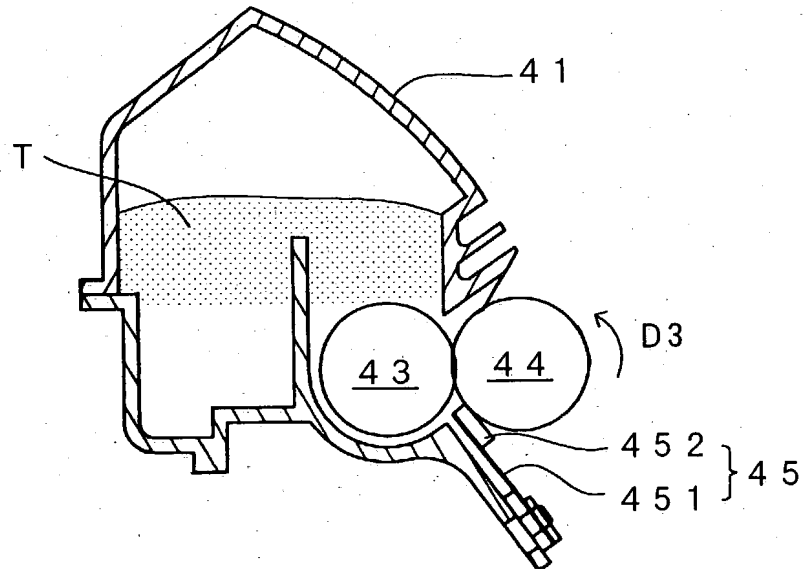


FIG. 4

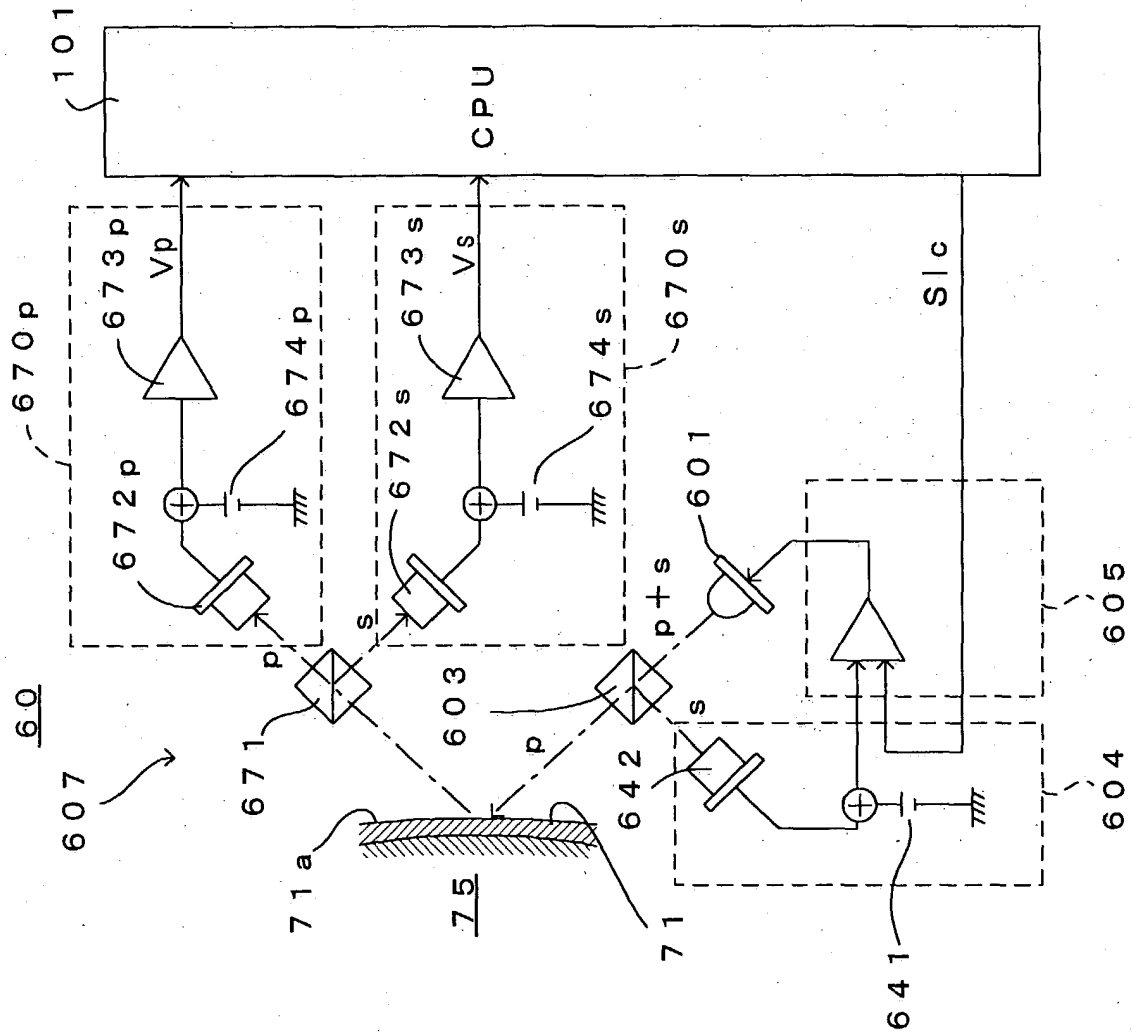


FIG. 5

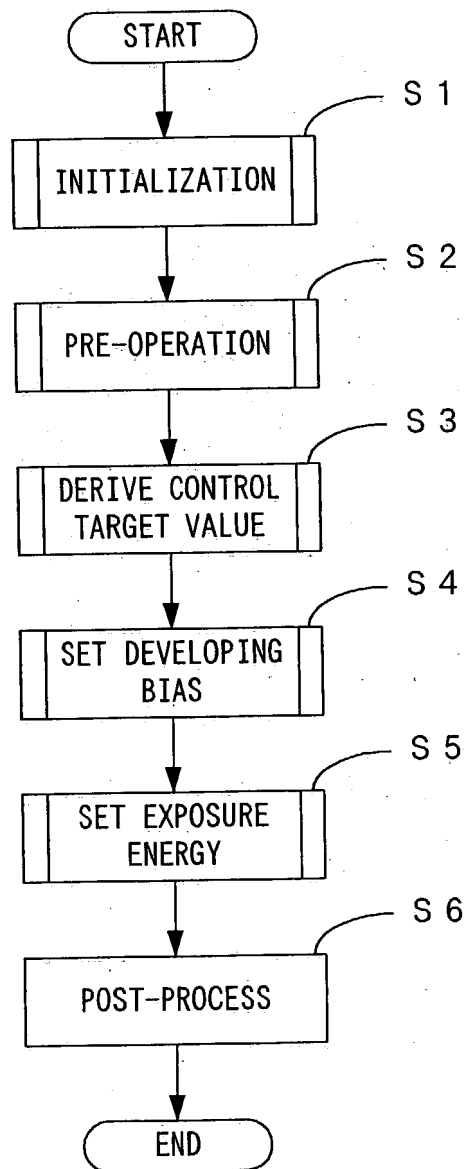


FIG. 6

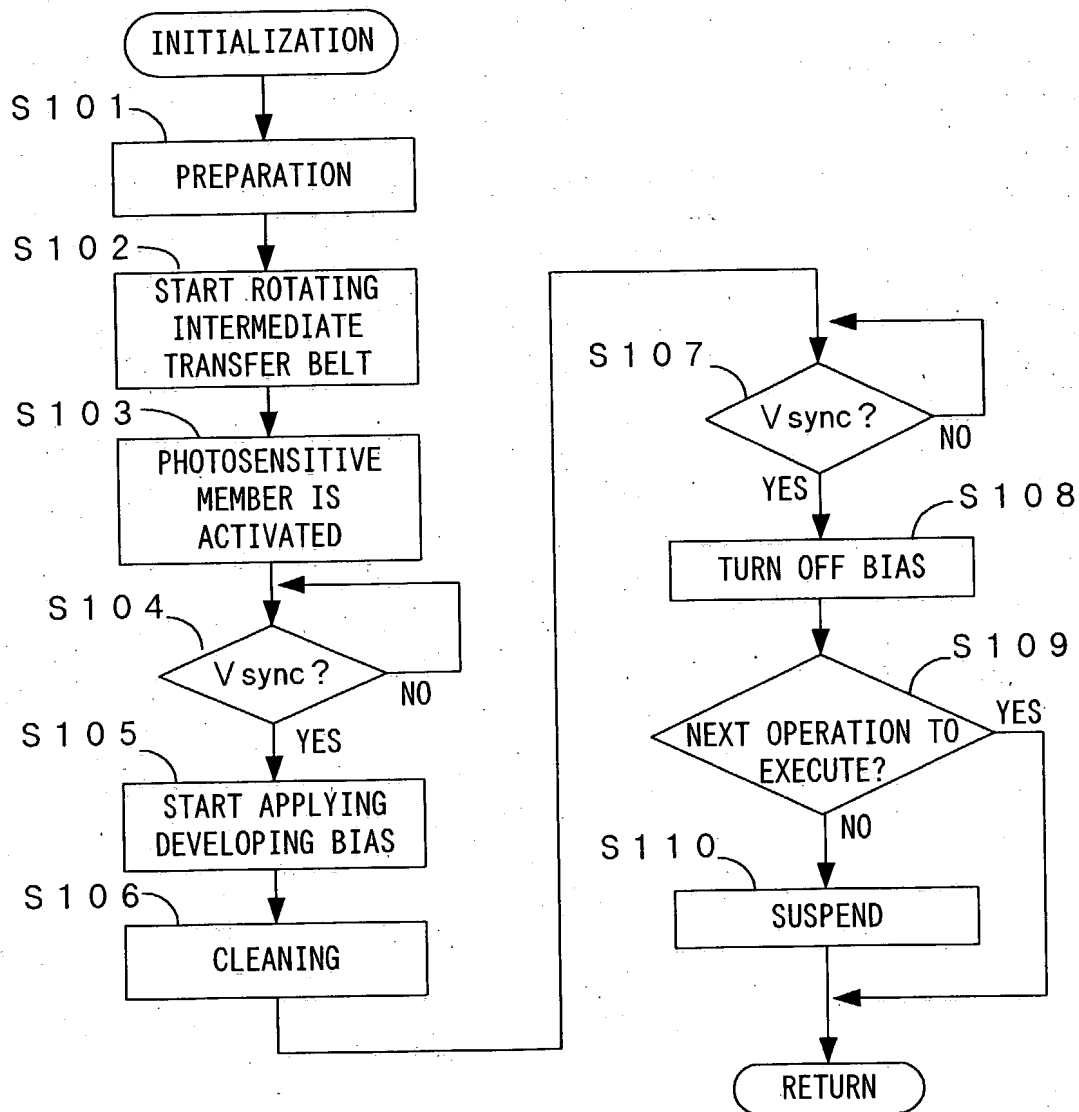


FIG. 7

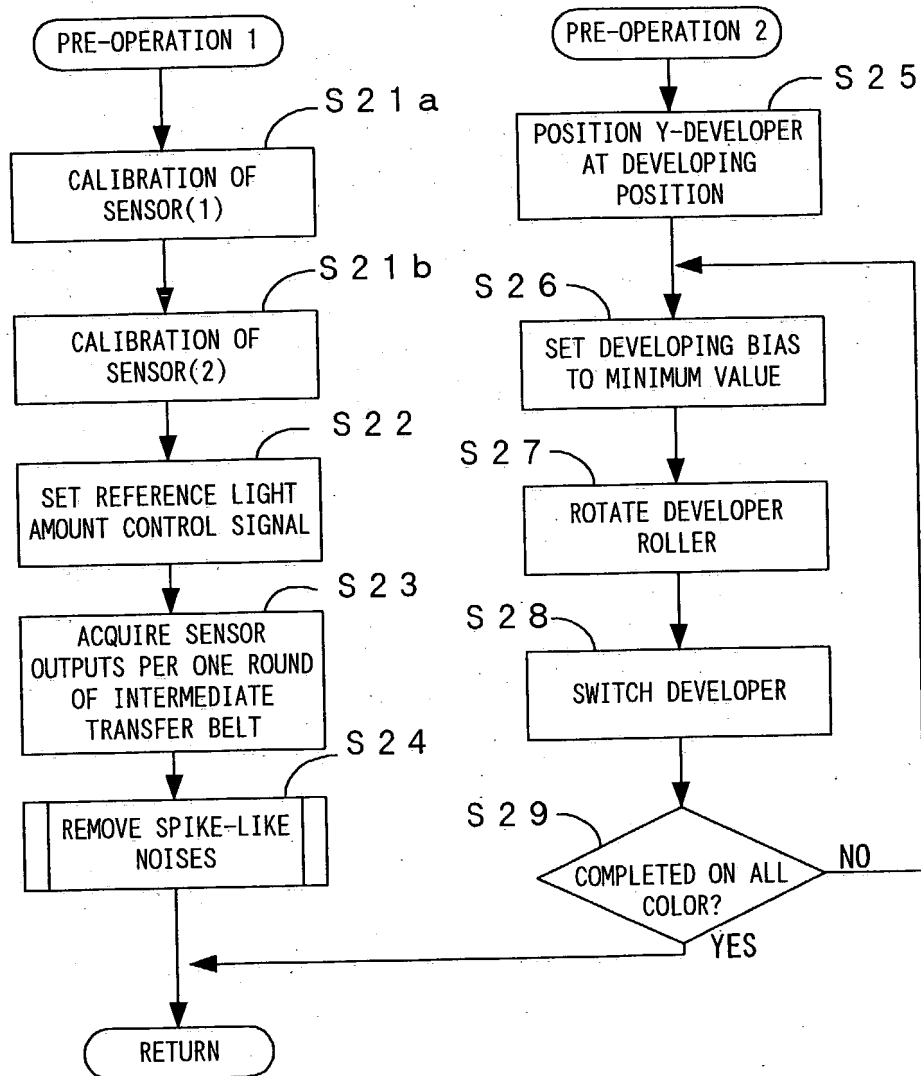


FIG. 8A

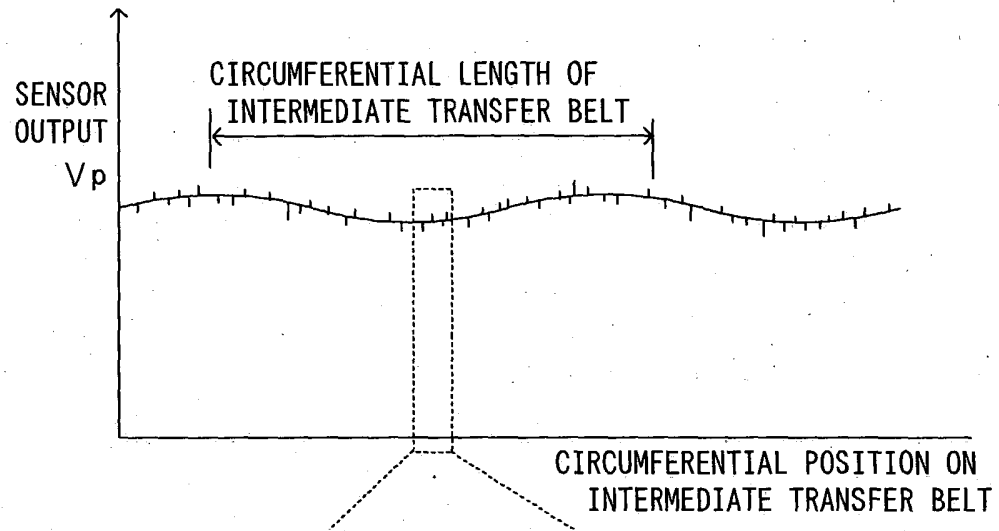


FIG. 8B

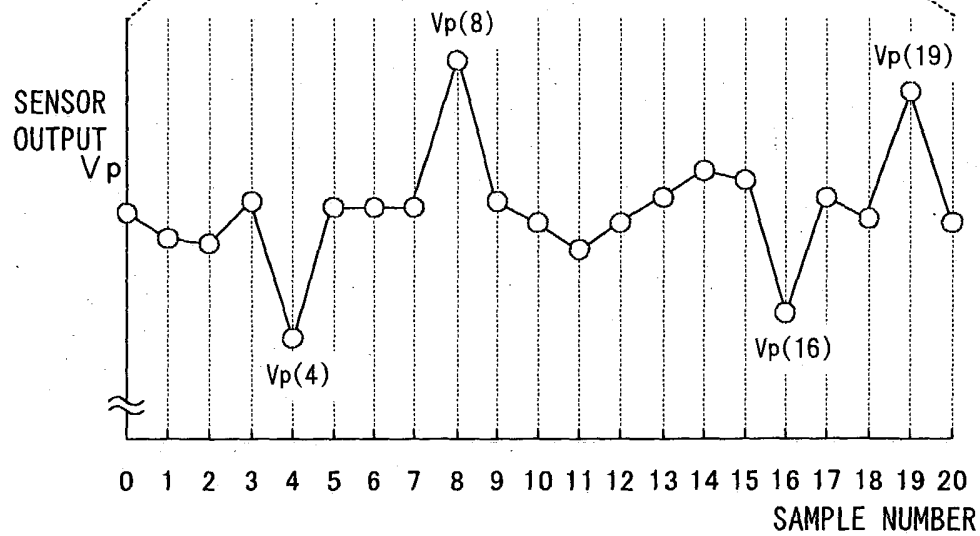




FIG. 9

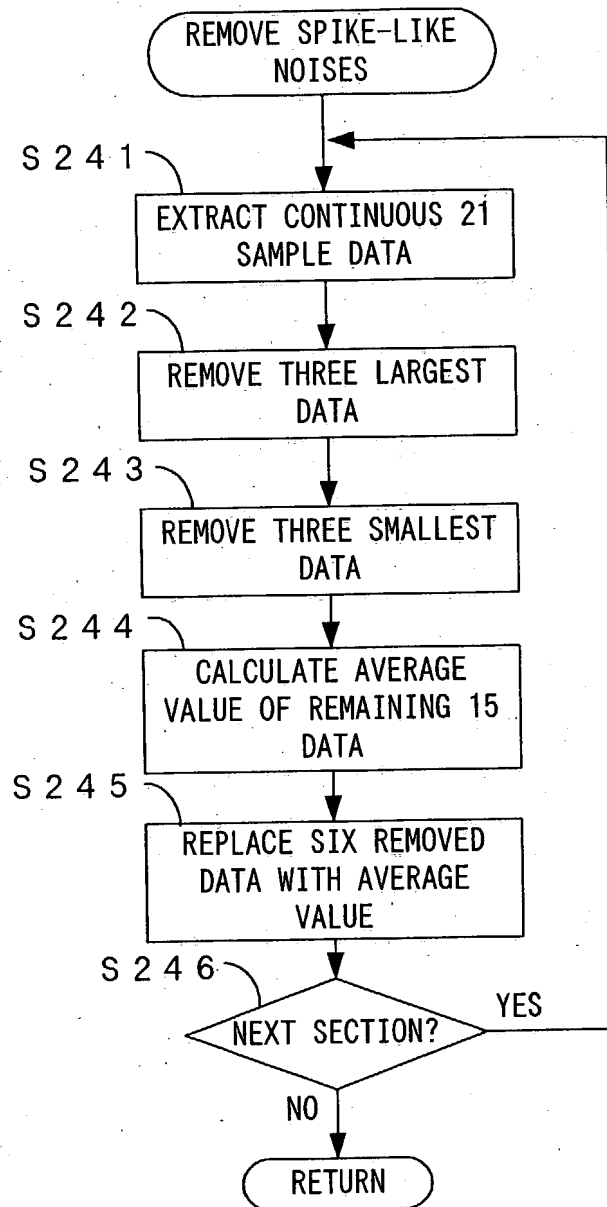


FIG. 10

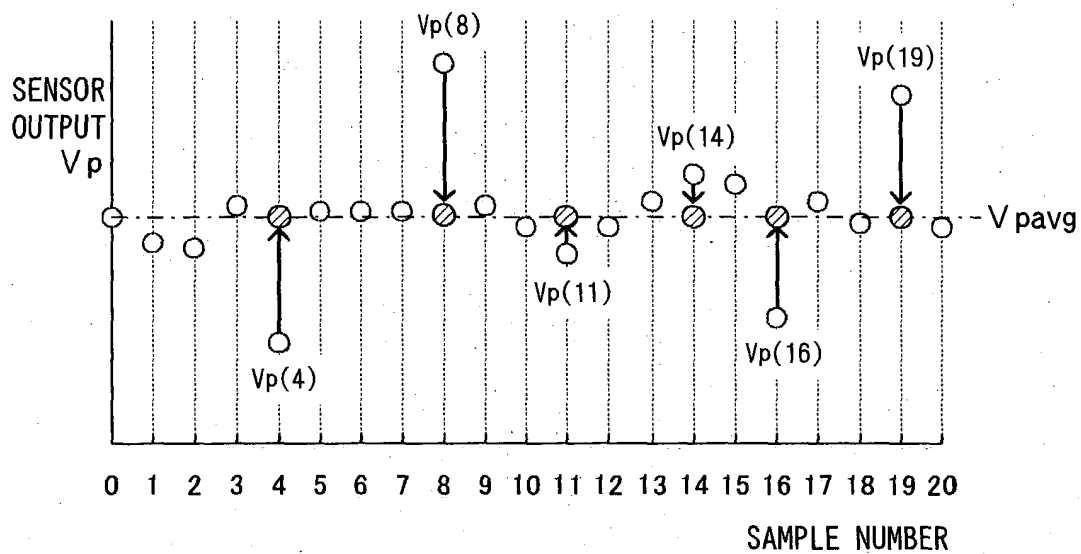


FIG. 11A

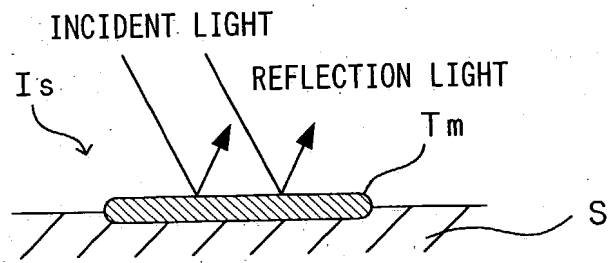


FIG. 11B

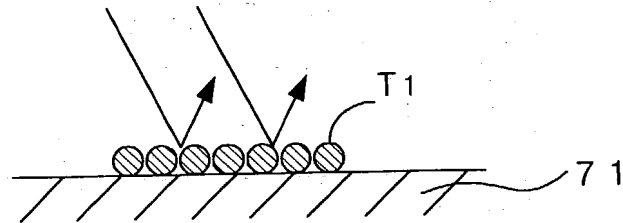


FIG. 11C

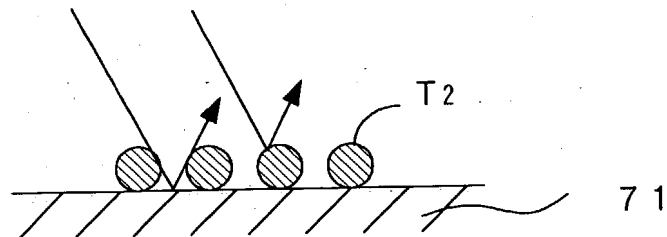


FIG. 12A

DISTRIBUTION OF PARTICLE DIAMETER

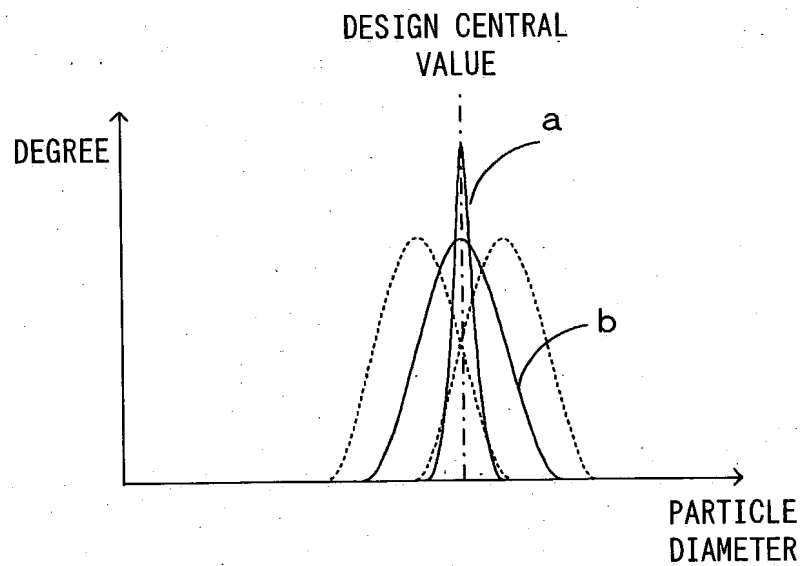


FIG. 12B

CHANGE IN OD VALUE

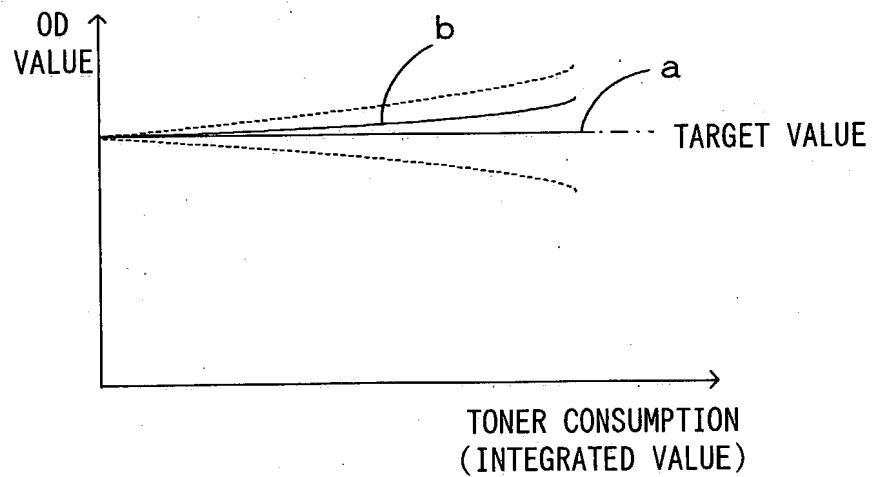


FIG. 13

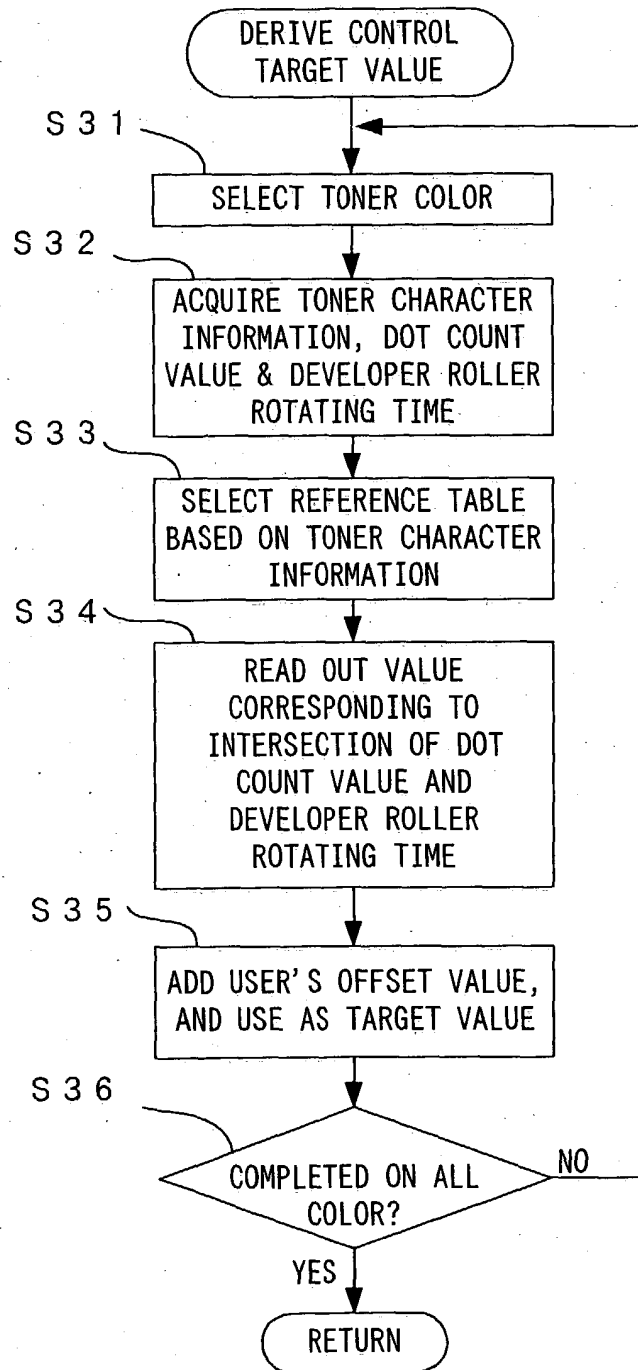


FIG. 14A HIGH-DENSITY PATCH IMAGE

TONER CHARACTER INFORMATION ="0"		DEVELOPER ROLLER ROTATING TIME(sec)			
		~1325	~3975	~6625	~10600
DOT COUNT VALUE	~1000000	0.990	0.988	0.984	0.982
	~2000000	0.988	0.984	0.982	0.982
	~6666666	0.984	0.982	0.982	0.982
	~12000000	0.982	0.982	0.982	0.982

FIG. 14B LOW-DENSITY PATCH IMAGE

TONER CHARACTER INFORMATION ="0"		DEVELOPER ROLLER ROTATING TIME(sec)			
		~1325	~3975	~6625	~10600
DOT COUNT VALUE	~1000000	0.185	0.182	0.181	0.180
	~2000000	0.182	0.181	0.180	0.180
	~6666666	0.181	0.180	0.180	0.180
	~12000000	0.180	0.180	0.180	0.180

FIG. 15

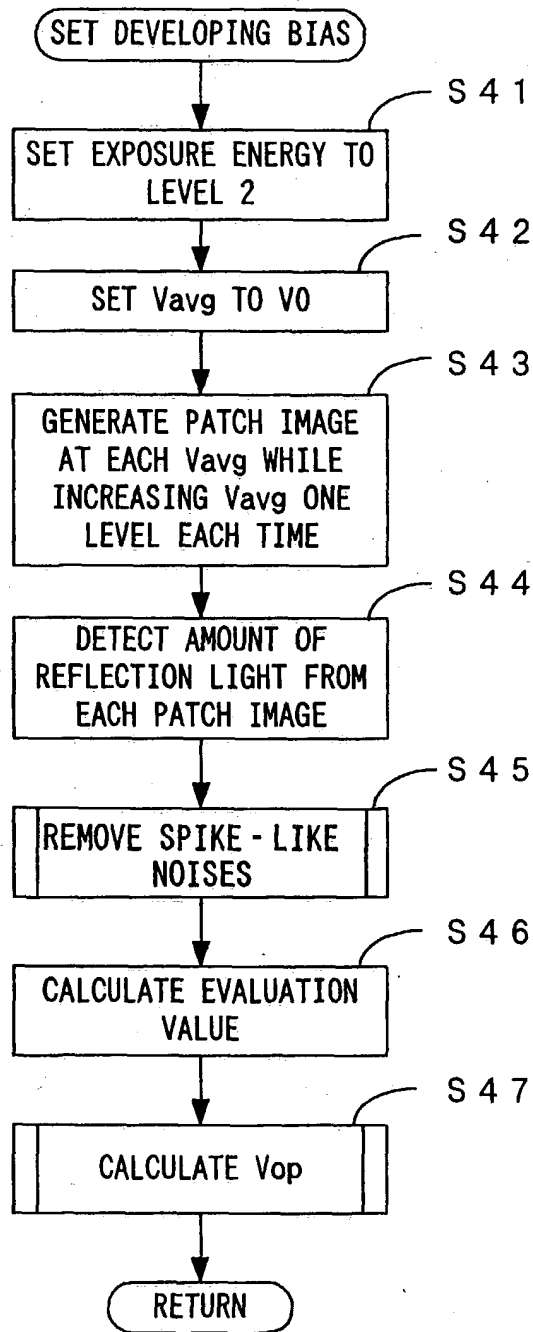


FIG. 16

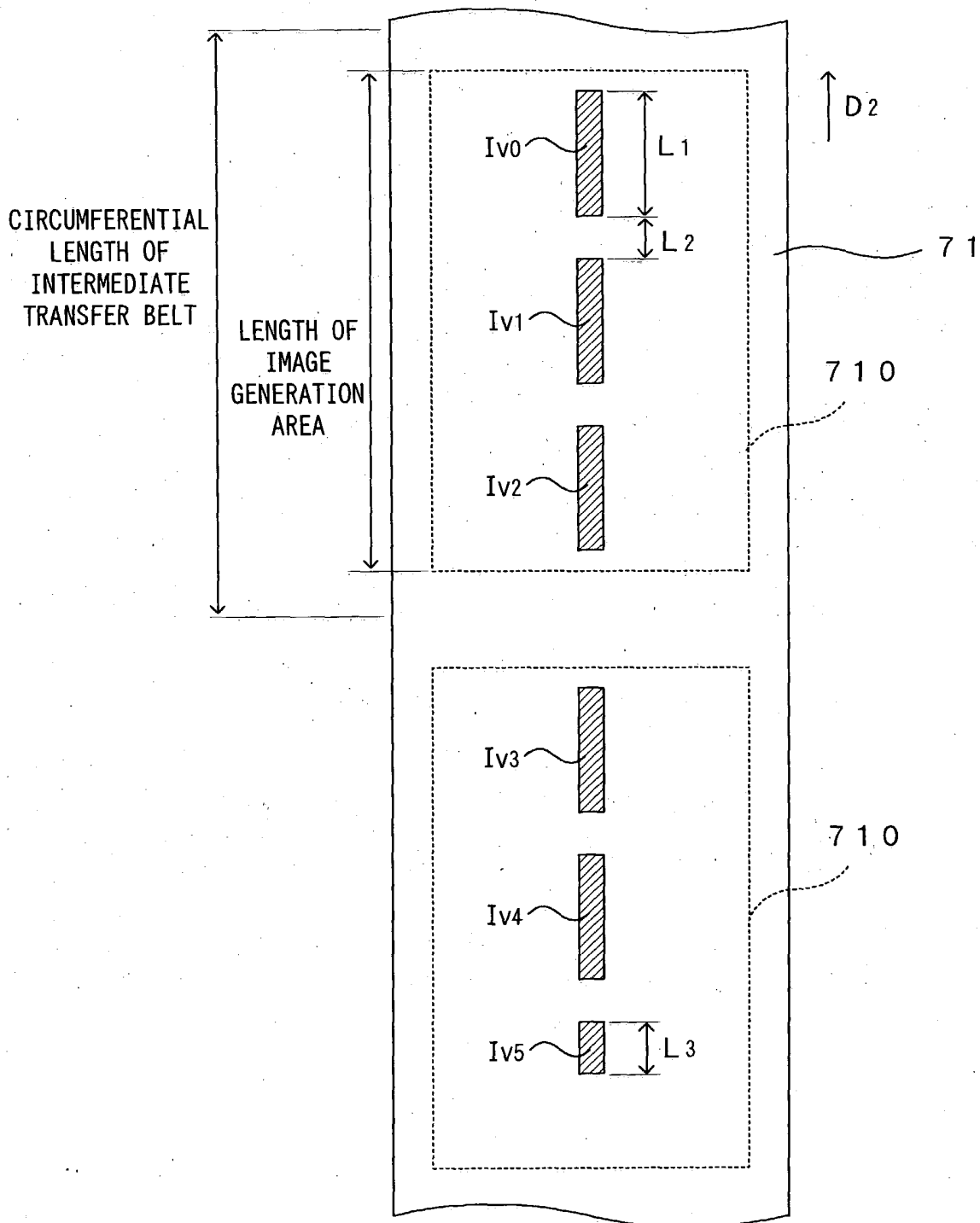




FIG. 17A

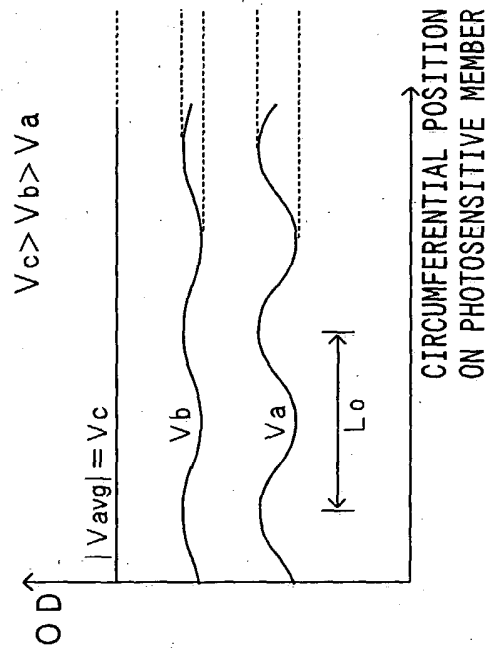


FIG. 17B

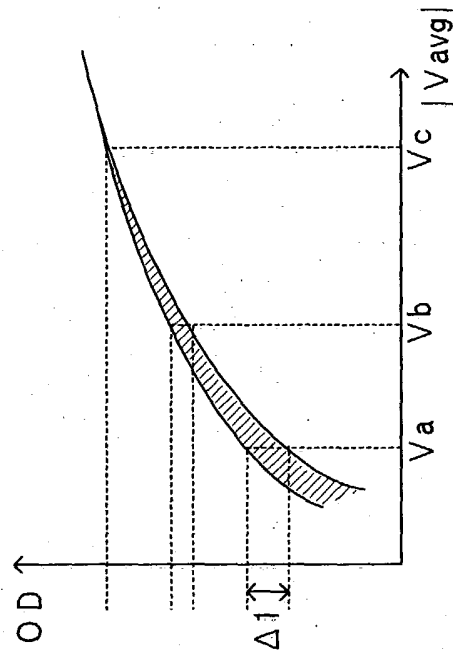


FIG. 18

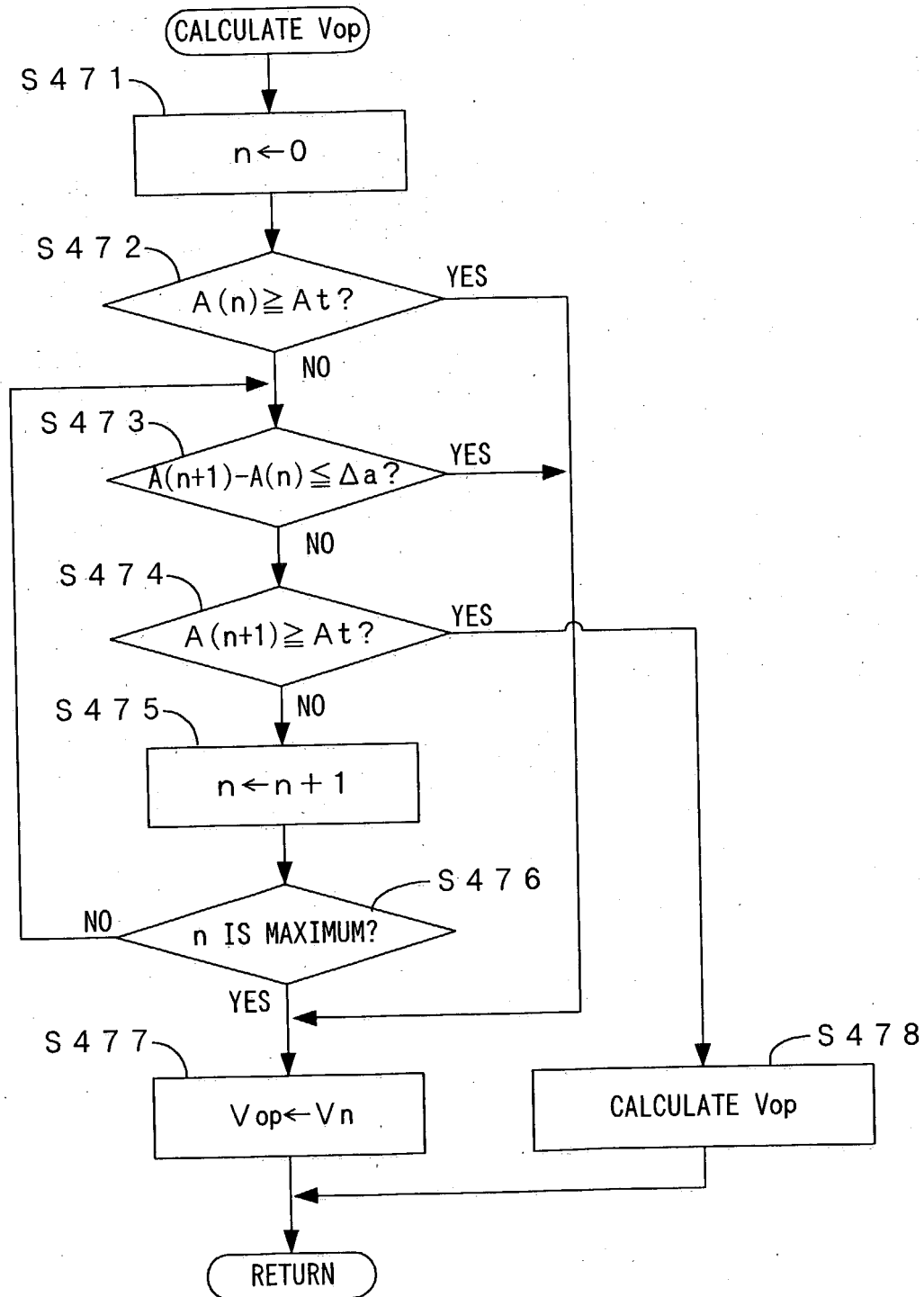


FIG. 19

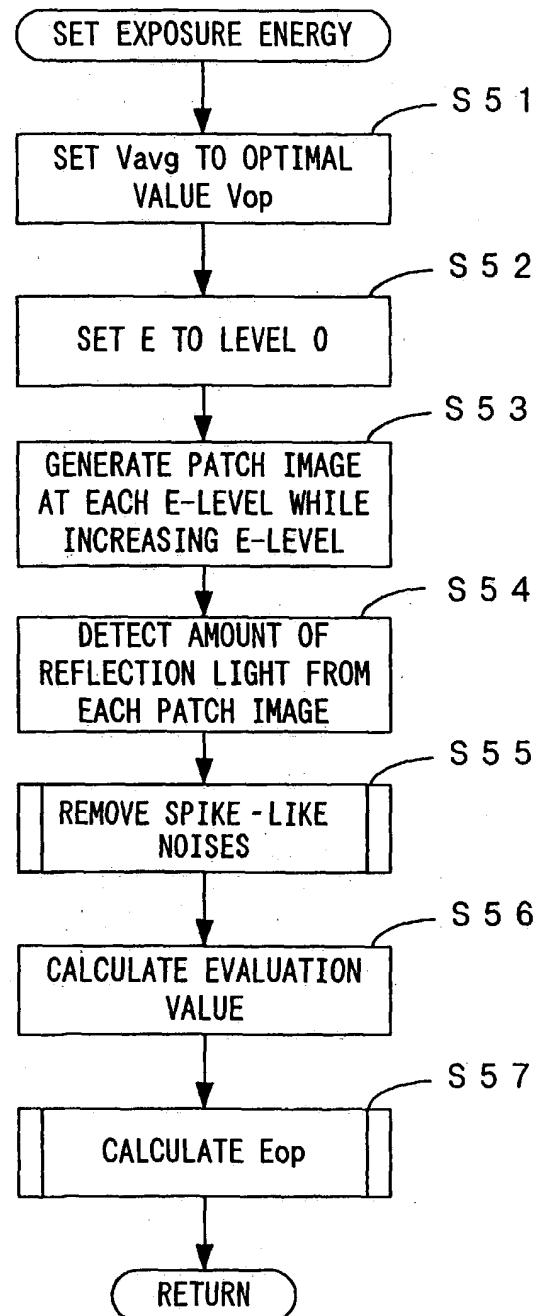


FIG. 20

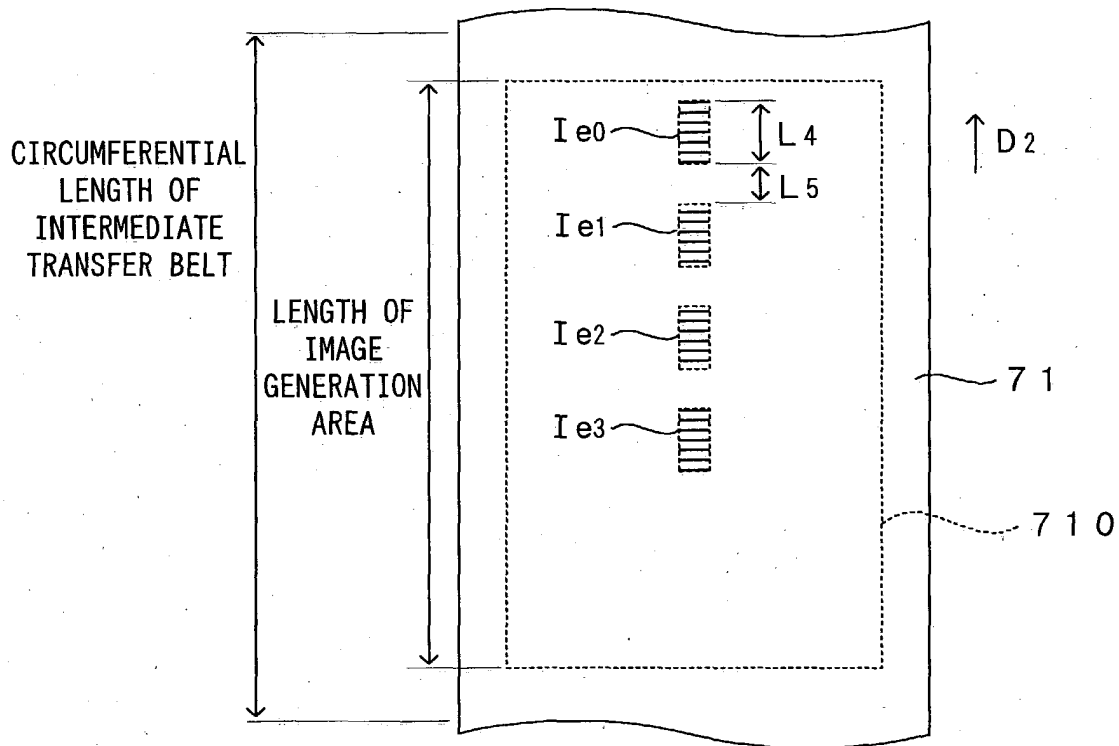


FIG. 21

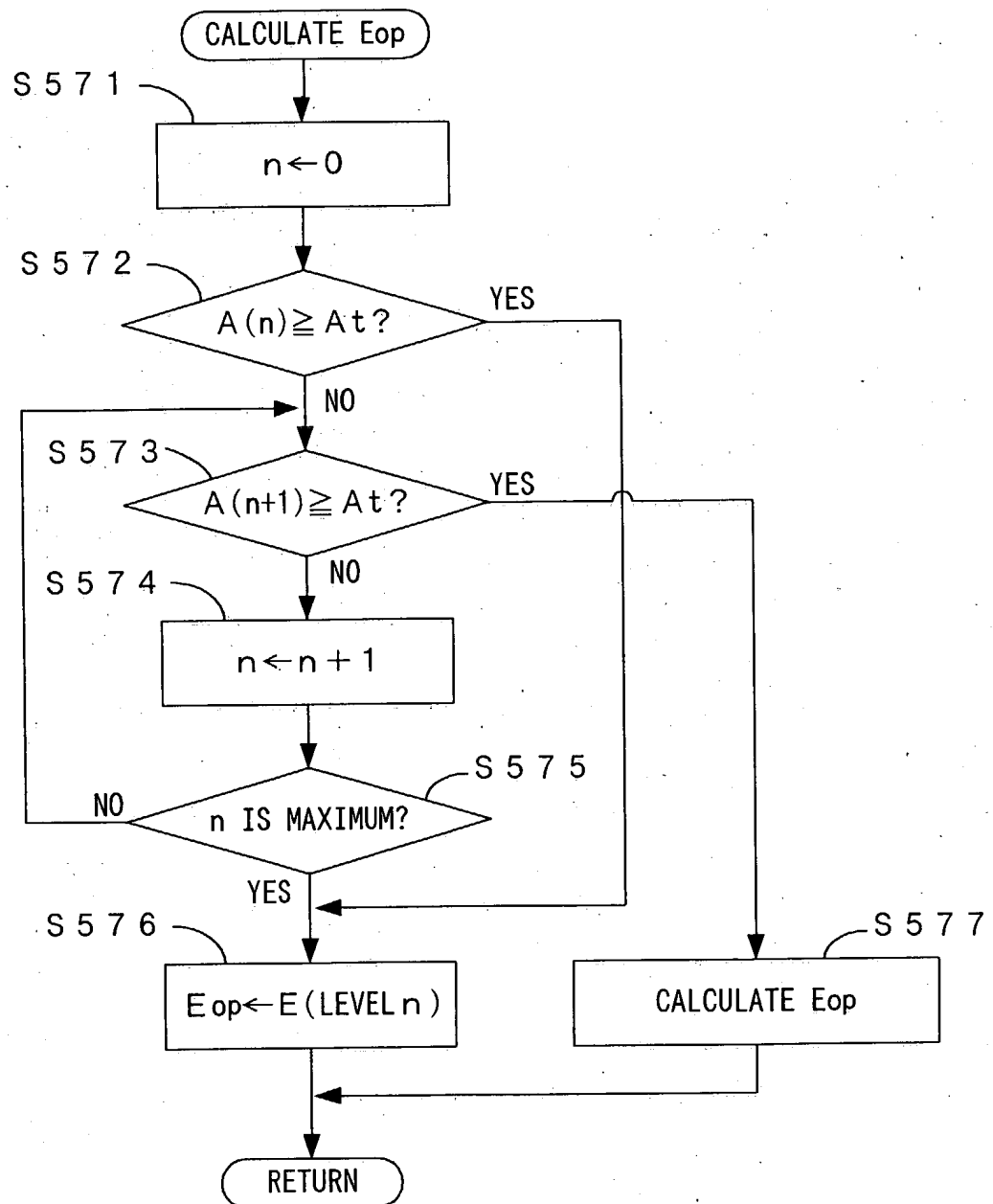


FIG. 22

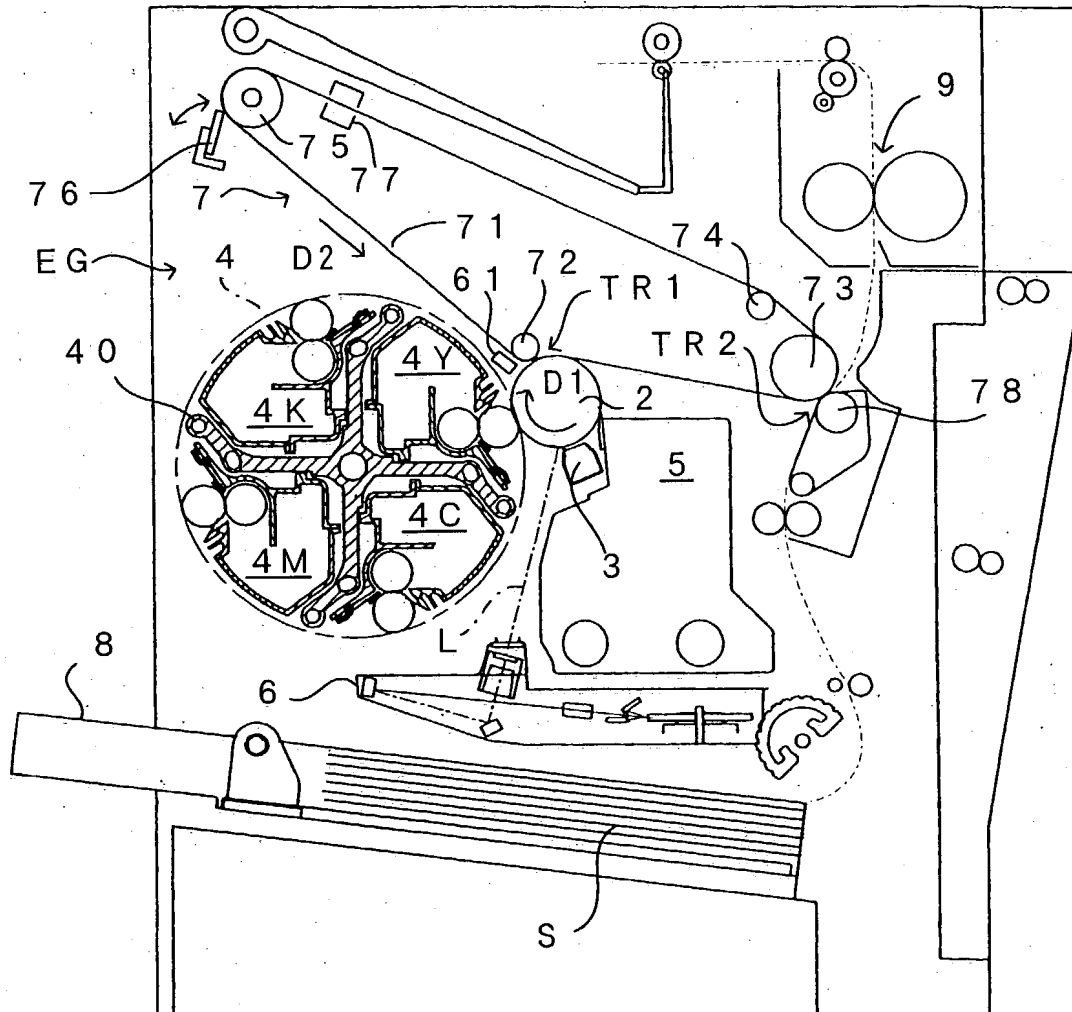


FIG. 23

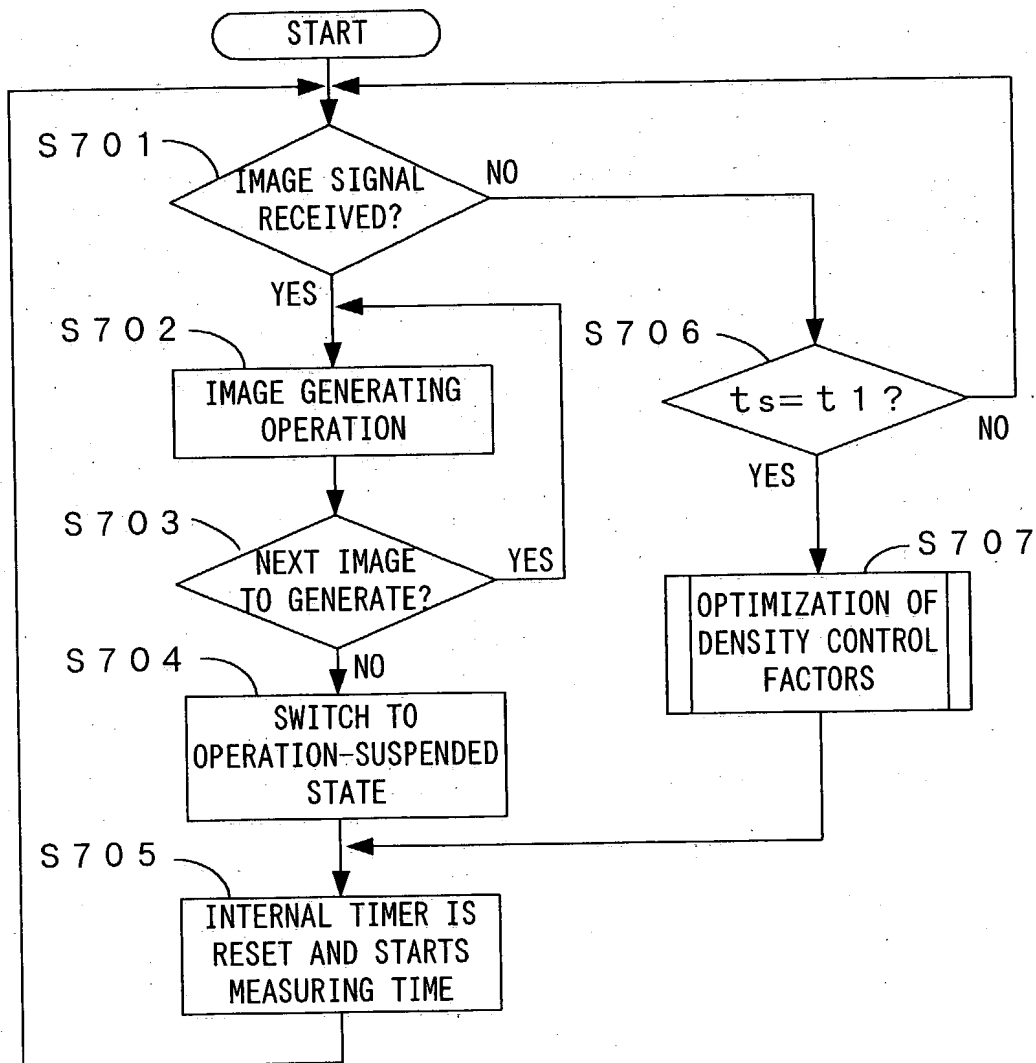


FIG. 24A

$t_s < t_1$



IMAGE GENERATING  
OPERATION



OPTIMIZATION

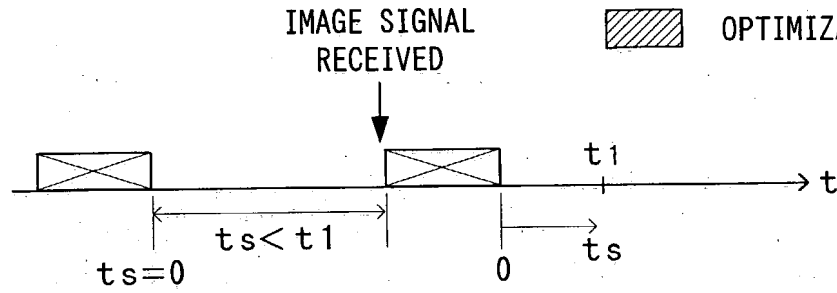


FIG. 24B

$t_s = t_1$

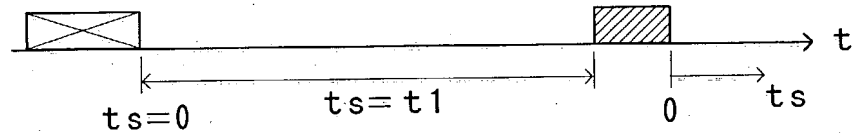




FIG. 25

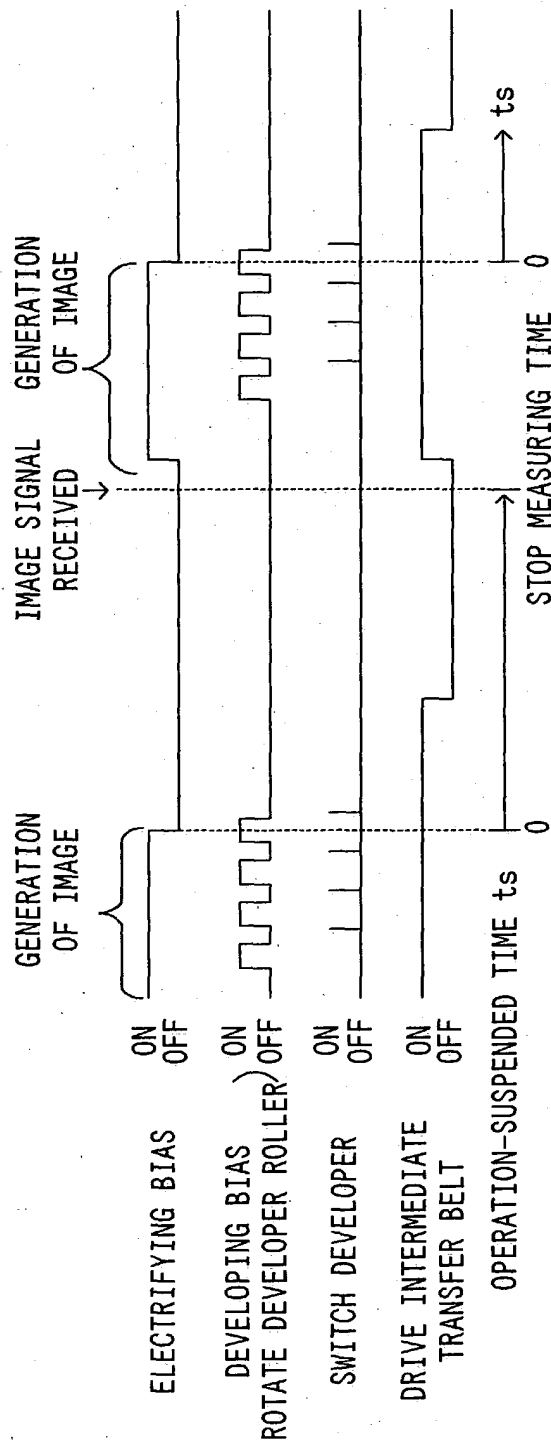


FIG. 26

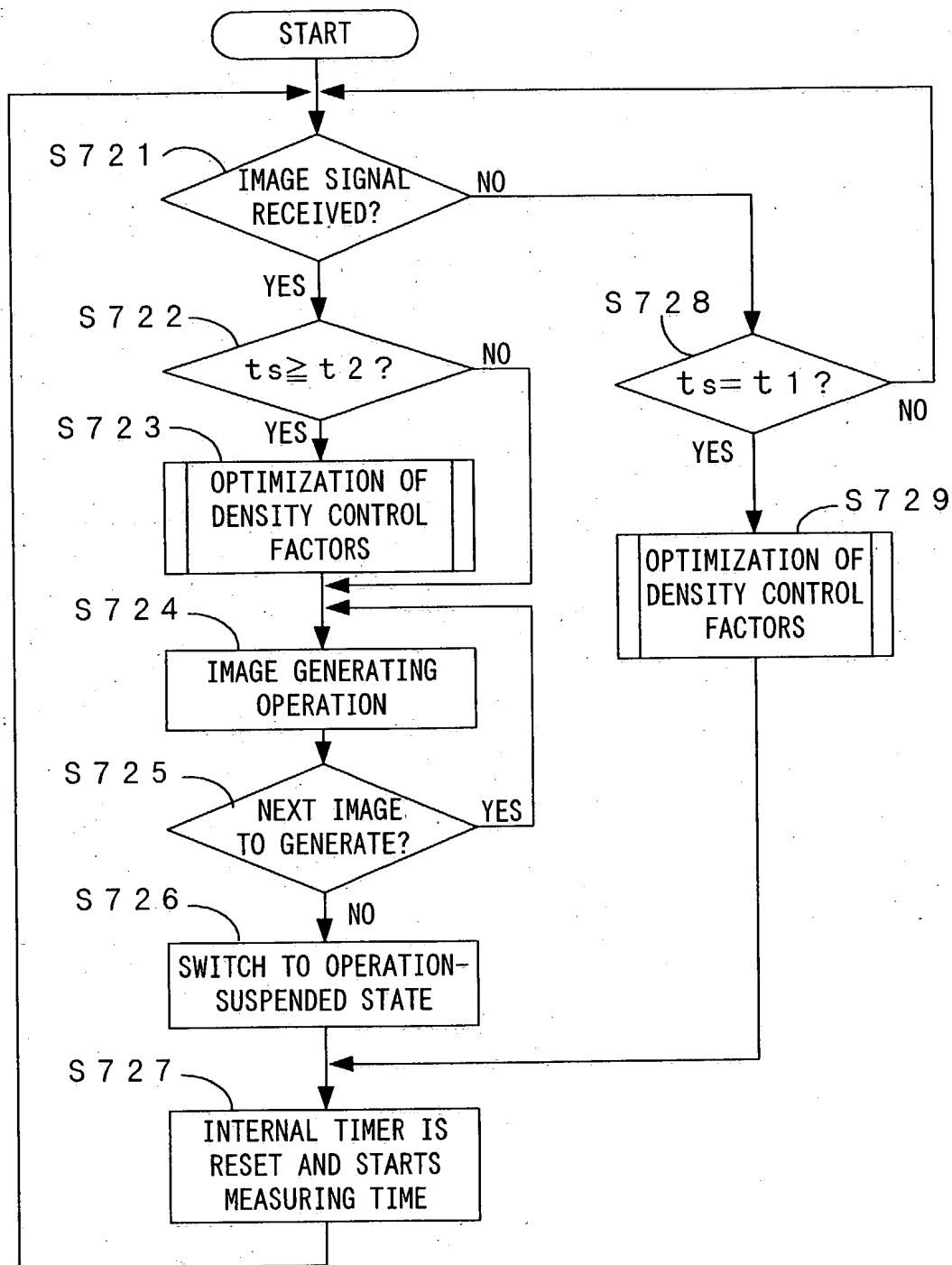


 IMAGE GENERATING OPERATION  
 OPTIMIZATION

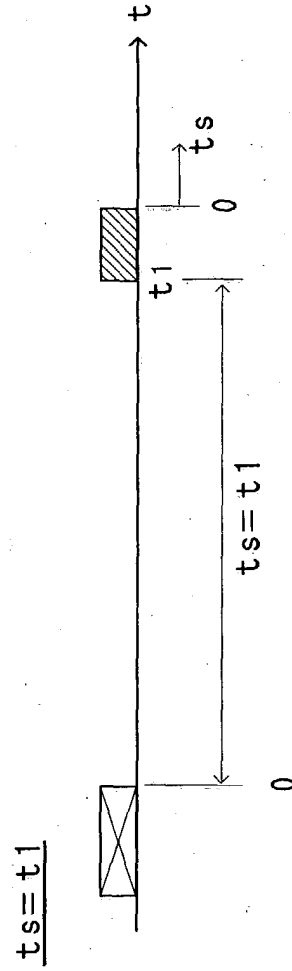
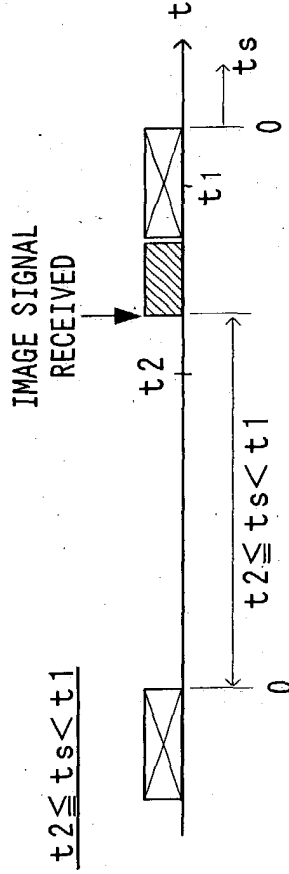
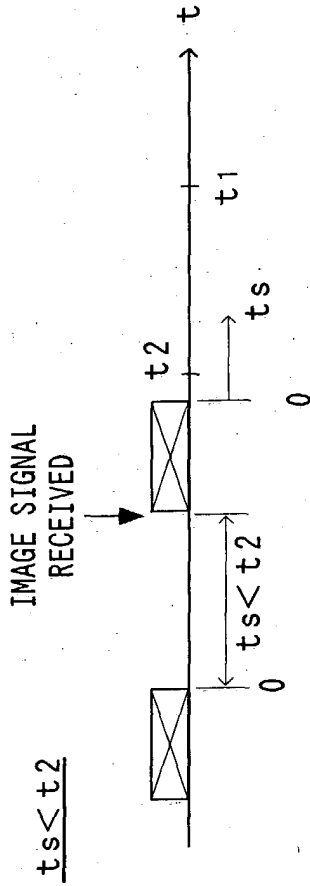
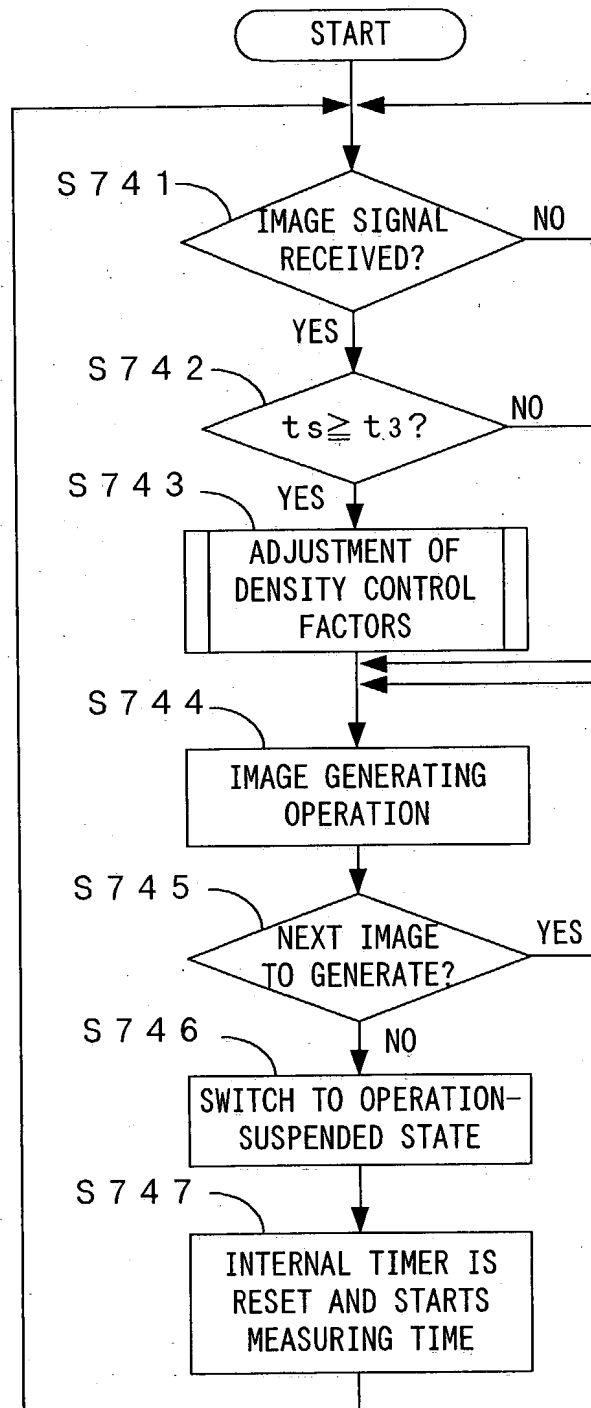


FIG. 28



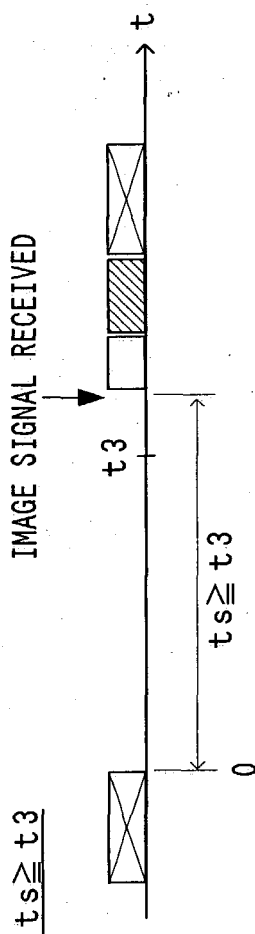
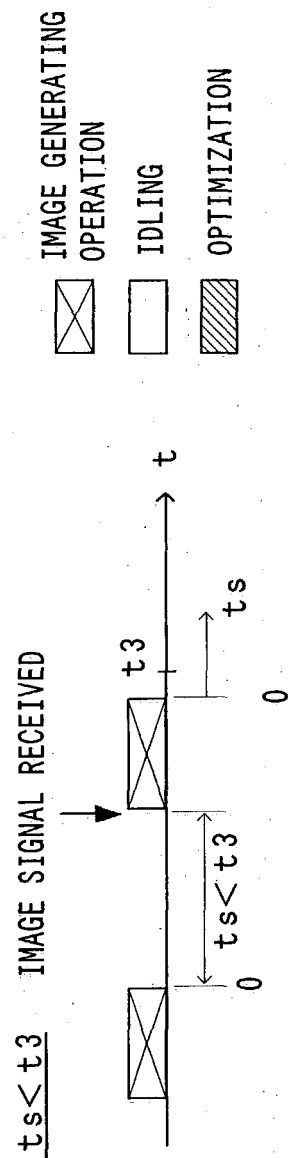


FIG. 30

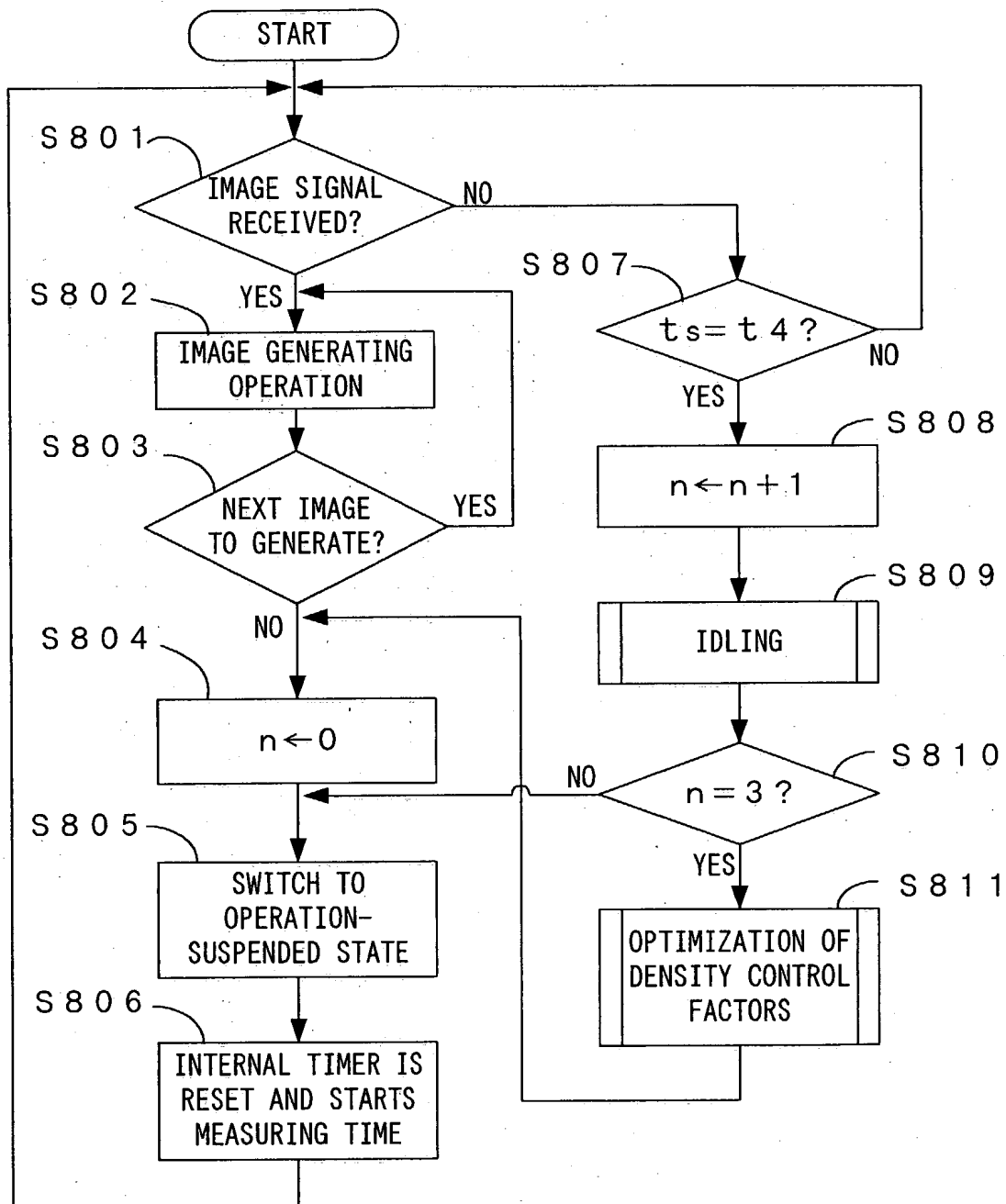
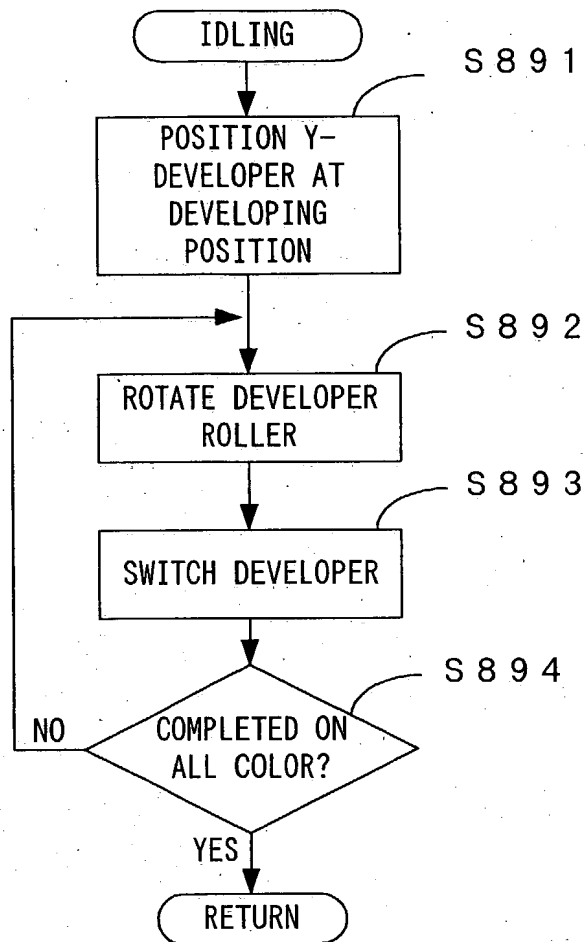


FIG. 31



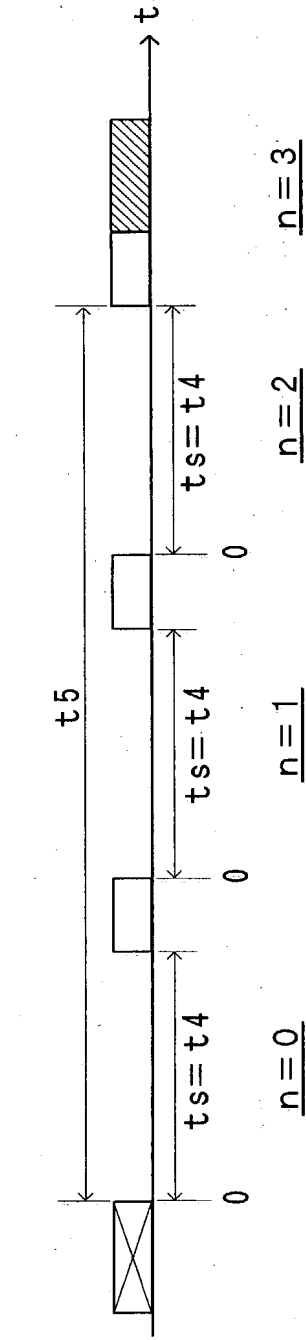
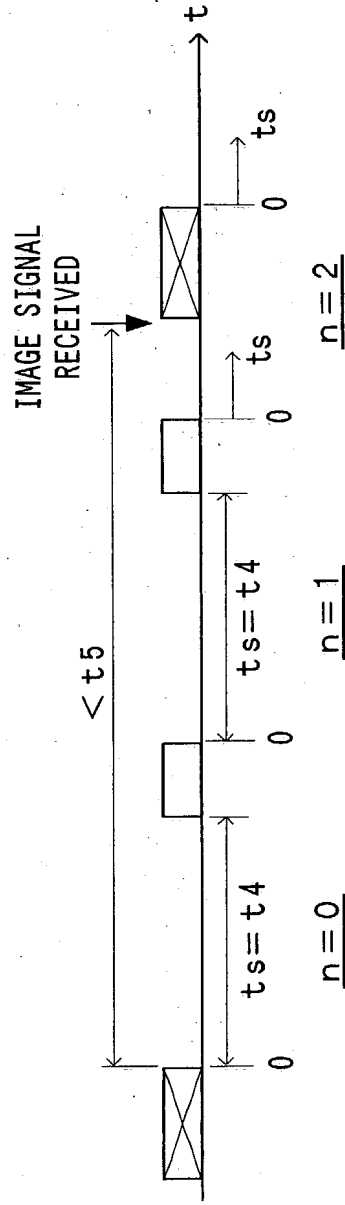
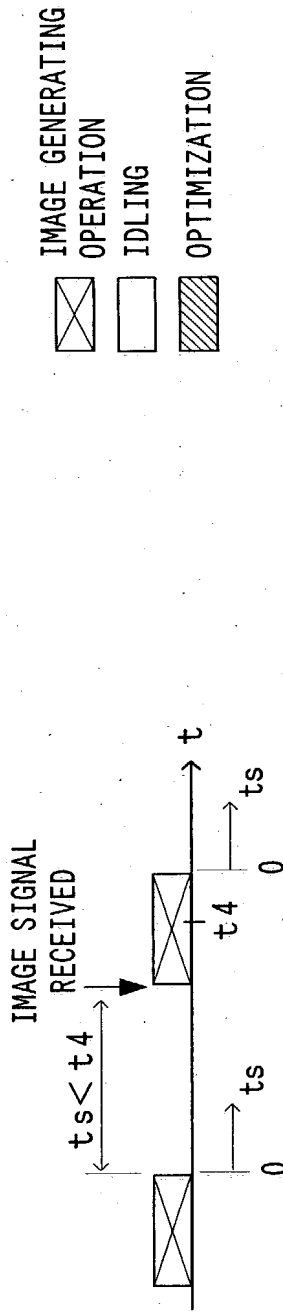
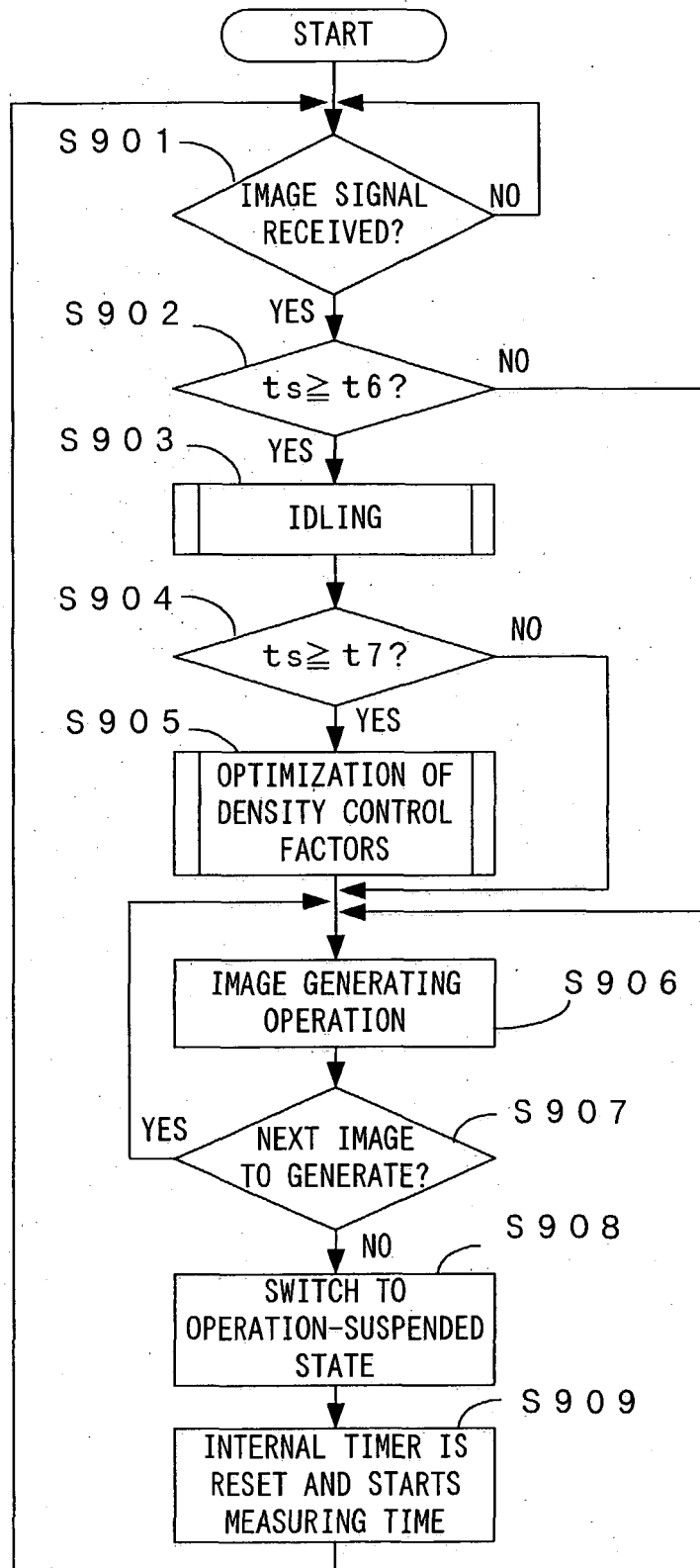




FIG. 33



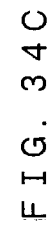
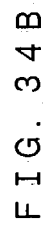
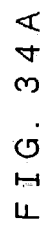


FIG. 35 A

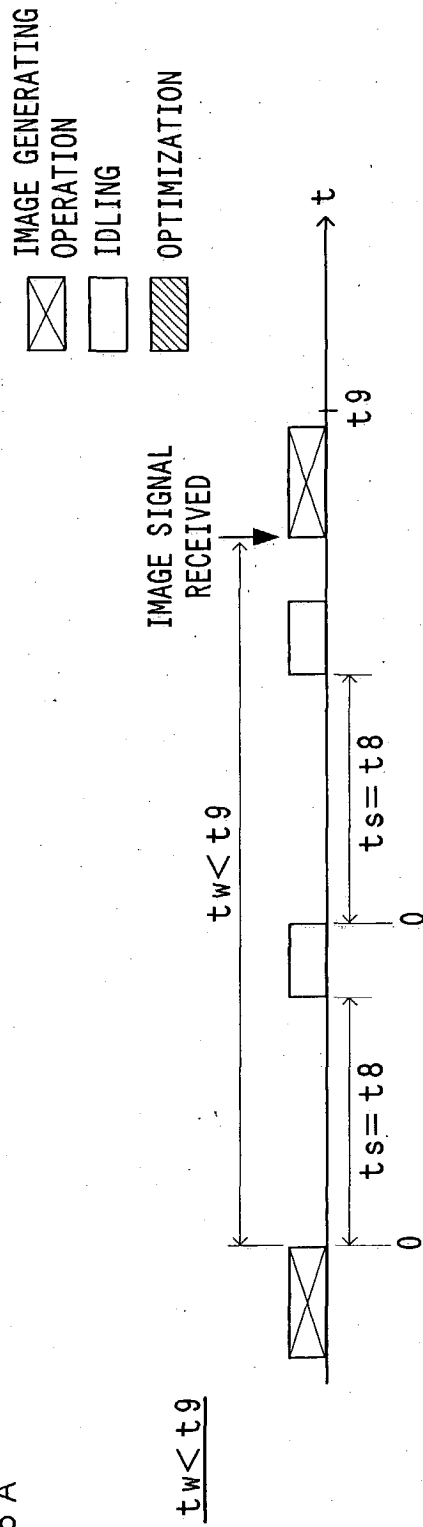


FIG. 35 B

